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Subject: Interpolated surfaces

Posted by [David34](#) on Tue, 14 Jun 2022 16:58:08 GMT

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Hello,

Am I correct that in order to do GIS analysis I would need to first calculate the weighted (after svy-setting in Stata) proportion of my variable of interest e.g. prevalence of variable xyz (coded as: 1=yes/0=no), and then with cluster number and geographic coordinate data, merge in a statistical program?

So, once I have the weighted proportion of my variable of interest, I calculate proportions by cluster (PSU) number and then join the proportions with the cluster, using the following code:

```
.svy: prop variableXYZ by v021
```

Thank you

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